



Remote

Fitting Loco Remote Wi-Fi control to Houstoun Gate Locomotive Works (HGLW) kits www.locoremote.co.uk

Loco Remote is the smooth and easy way to add sophisticated **remote control for any 3V to 12V battery loco**. **Any Wi-Fi enabled device can be used as a controller**, including Apple iPhones, iPods, iPads, Android phones (e.g. Samsung, Huawei, Google) and Android tablets (e.g. Amazon Fire, Samsung Galaxy Tab). The Loco Remote module creates its own unique, password protected Wi-Fi access point. This is **completely independent of other W-Fi networks** and so can be used anywhere. It generates a robust, **real time 2 way interactive user interface on the device** with absolutely no need to download any special apps. As well as very fine speed control with smooth acceleration and deceleration, Loco Remote can optionally provide **directionally switched LED lighting**.

Wi-Fi control offers significant advantages over other types of garden railway remote control such as Bluetooth and 2.4GHz radio control. These include **long range** (typically up to 100 feet), **very stable connection** between loco and controller, **control as many locos as you like** from one phone, **control one loco from multiple phones**, **loco keeps the current speed** if the controller is disconnected to run another loco, **app free compatibility with all smartphones** and other devices, **real time loco speed and battery level display**, **set your own loco name** and Wi-Fi password, no need for dedicated transmitters and small, low cost rugged modules.

Loco Remote has been designed by Chris Rennie, an experienced electronics engineer and garden railway enthusiast. The 3V to 6V Loco Remote Mini B with optional directionally switched LED lighting has been tested with all the HGLW kits and works perfectly with them. Take a look at the www.locoremote.co.uk website for further information, videos and details on how to buy a Loco Remote.



This table shows suggested batteries to use with the Mini B in each HGLW kit. The dummy lights on the Wittenberg Schafer can be replaced with LEDs and controlled by the Mini B. If you are building a bogie loco with 2 chassis kits ask for a special version of the Mini B with 2 motor outputs for this.

Model	Mini B	Comments
BEV 1	Y	4 x NiMH AAA or 3.7V Lipo
Chassis Kits	Y	4 x NiMH AAA or 3.7V Lipo
Contractors Loco No 4	Y	4 x NiMH AAA or 3.7V Lipo
Gordon	Y	4 x NiMH AAA or 3.7V Lipo
Loco Body Kit	Y	4 x NiMH AAA or 3.7V Lipo
Steeplecab	Y	3.7V Lipo
Wittenberg Schafer	Y	3.7V Lipo, Lights

